

Amendments To The Abstract:'

In the English translation document, please add the section heading at page 9 line 1, as follows:

--ABSTRACT

Even a layer system, provided with a protective coating and used in a hot gas atmosphere needs to be cooled. However, said cooling is often insufficient, as far as cooling pipes are arranged relatively far from the external surface of said layer system. In order to solve the problem, the inventive coolable layer system consists of intersecting cooling pipes.--